

<p>FORM PTO-1449</p> <p>U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE</p> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p>(Use several sheets if necessary)</p>	<p>ATTY. DOCKET NO. I-2-0388.1US</p>	<p>SERIAL NO. 10/679,804</p>
	<p>APPLICANT Hunkeler et al.</p>	
	<p>FILING DATE October 6, 2003</p>	<p>GROUP 2461</p>

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		6,005,852	12/1999	Kokko et al.			
		6,205,125	03/2001	Proctor et al.			
		6,374,112	04/2002	Widgren et al. <sup>3</sup>			
		6,393,286	05/2002	Svensson			
		6,693,912	02/2004	Wang			
	*	6,721,565	04/2004	Ejzak et al. <sup>4</sup>			
		6,771,964	08/2004	Einola et al. <sup>2</sup>			
	*	6,826,193	11/2004	Peisa <sup>5</sup>			
		6,859,654	02/2005	Reynolds et al.			
		6,876,667	04/2005	Synnestvedt et al.			
		7,123,910	10/2006	Lucidarme et al.			
		7,149,524	12/2006	Reynolds <sup>1</sup>			
		7,206,324	04/2007	Persson et al.			
	*	7,302,497	11/2007	Vilander et al. <sup>6</sup>			
		7,483,984	01/2009	Jonker et al.			
		2002/0037749	05/2002	Wager			
		2002/0123340	09/2002	Park			
		2002/0132611	09/2002	Immonen et al.			
		2003/0074443	04/2003	Melaku et al.			

**FOREIGN PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
		1 154 599	11/2001	EP				
	*	2002-247627	08/2002	JP			X**	
		00/41401	07/2000	WO				

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
		00/78081	12/2000	WO				
		01/01729	01/2001	WO				
		01/76286	10/2001	WO				
	*	02/07388	01/2002	WO				
	*	02/41586	05/2002	WO				

## OTHER DOCUMENTS

EXAMINER INITIAL	DESCRIPTION (Including Author, Title, Date, Pertinent Pages, Etc.)
	"Information technology – Telecommunications and information exchange between systems – Local and metropolitan area networks – Specific requirements – Part 11: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) Specifications." 12 June 2003. ANSI/IEEE Std 802.11, 1999 Edition (R2003).
	"Third Generation Partnership Project; Technical Specification Group Services and System Aspects Service aspects: Services and service capabilities (Release 6)." 3GPP TS 22.105 v6.2.0 (2003-06).
	"Third Generation Partnership Project: Technical Specification Group Services and System Aspects; Quality of Services (QoS) Concept and Architecture (Release 1999)." 3GPP TS 23.107 v3.9.0 (2002-09).
	"Third Generation Partnership Project: Technical Specification Group Services and System Aspects; Quality of Services (QoS) Concept and Architecture (Release 4)." 3GPP TS 23.107 v4.5.0 (2002-09).
	"Third Generation Partnership Project: Technical Specification Group Services and System Aspects; Quality of Services (QoS) Concept and Architecture (Release 4)." 3GPP TS 23.107 v4.6.0 (2002-12).
	"Third Generation Partnership Project: Technical Specification Group Services and System Aspects; Quality of Services (QoS) Concept and Architecture (Release 5)." 3GPP TS 23.107 v5.6.0 (2002-09).
	"Third Generation Partnership Project: Technical Specification Group Services and System Aspects; Quality of Services (QoS) Concept and Architecture (Release 5)." 3GPP TS 23.107 v5.10.0 (2003-09).
	Draft Supplement to STANDARD FOR Telecommunications and Information Exchange Between Systems – LAN/MAN Specific Requirements – Part 11: Wireless Medium Access Control (MAC) and physical layer (PHY) specifications: Medium Access Control (MAC) Enhancements for Quality of Service (QoS), IEEE Std 802.11e/D3.2, August 2002.

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	Draft Supplement to STANDARD FOR Telecommunications and Information Exchange Between Systems – LAN/MAN Specific Requirements – Part 11: Wireless Medium Access Control (MAC) and physical layer (PHY) specifications: Medium Access Control (MAC) Enhancements for Quality of Service (QoS), IEEE Std 802.11e/D3.3, October 2002.
	JAIN ET AL., "Supporting Quality of Service in Multiple Heterogeneous Wireless Networks," IEEE 55 <sup>th</sup> Vehicular Technology Conference, Volume 2, pp. 952-956 (May 9, 2002)
	SIQUEIRA ET AL., "Quartz: QoS Architecture for Open Systems," Proceedings of the 20 <sup>th</sup> International Conference on Distributed Computing Systems, pp. 197-204 (April 2000).

<sup>1</sup> Corresponds to WO 01/58177; <sup>2</sup> Corresponds to KR 2002-0043591; <sup>3</sup> Corresponds to KR 2001-0042426; <sup>4</sup> Corresponds to JP 2002-118868; <sup>5</sup> Corresponds to TW 489580; <sup>6</sup> Corresponds to TW 490962.

X\*\* English abstract provided.

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